



**Tennessee Board of Regents**  
 1 Bridgestone Park  
 Nashville TN 37214

The Tennessee College of Applied Technology Hartsville is one of 45 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system, which is comprised of six universities, thirteen two-year institutions, and twenty-six colleges. The Tennessee Board of Regents system enrolls more than 80% of all Tennessee students attending public institutions of higher education.

The primary purpose of the Tennessee College of Applied Technology is to meet the occupational and technical training needs of citizens and residents of this area; this purpose includes employees of existing and prospective businesses and industries of the State.

The College fulfills this purpose by providing both career-centered and needs-centered training. Career-centered training encompasses the center's full-time programs. Needs-centered training addresses the specific training or re-training needs of the individual business or industry. All courses are designed with the help of the company's management team to ensure that the employees receive the skills needed to meet specific technical skill requirements.

TCAT Hartsville does not discriminate on the basis of race, color, national origin, sex, disability. See <http://www.tcathartsville.edu/aaeco>

## Training Programs

### Hartsville Campus

- Administrative Office Technology
- Automotive Technology
- Certified Nurse Technician
- Computer Information Technology
- Industrial Maintenance/Mechatronics
- Machine Tool Technology
- Practical Nursing
- Welding Technology

### Lebanon Campus

- Advanced Manufacturing
- Computer Information Technology
- Machine Tool Technology Practical Nursing
- Welding



The Tennessee College of Applied Technology Hartsville is governed by the Tennessee Board of Regents and is accredited by the Accrediting Commission of the :

### **Council of Occupational Education**

7840 Roswell Road, Building 300, Suite 325,  
 Atlanta, Georgia 30350  
 Telephone: (770) 396-3898 or  
 1-800-917-2081

February 2016

**Real Skills.  
 Real Jobs.**

# Welding Technology

The mission of the Welding Technology program is to give the student the necessary classroom instruction and practical work experience needed for entry-level employment in the welding field.



716 McMurry Blvd., Hartsville, TN 37074  
 415 Tennessee Blvd., Lebanon TN 37087  
 Tel. 615-374-2147 or 615-547-1128  
 Fax 615-374-2149



## Course Awards and Length

### Diploma

Combination Welder 1296 hrs.

### Certificate

Gas Metal Arc Welder 972 hrs.  
 Shielded Metal Arc Welder 648 hrs  
 Tack Welder 324 hrs

## Career Outlook

Employment of welders, cutters, solderers, and brazers is projected to grow 4 percent from 2014 to 2024, slower than the average for all occupations.

Employment growth reflects the need for welders in manufacturing because of the importance and versatility of welding as a manufacturing process. The basic skills of welding are similar across industries, so welders can easily shift from one industry to another, depending on where they are needed most.

## JOB OPPORTUNITIES

Welders are employed in many industries such as construction, electronics, automotive, appliances, railroads, bridge building, ship building, aircraft, guided missiles, nuclear energy, manufacturing, public utilities, and the petroleum industry.

## EXPECTED WAGES

Median-\$14/hour

## GAINFUL EMPLOYMENT

GO TO: <https://tcathartsville.edu/future-students/gainful-employment-disclosures>

## COST OF TRAINING

Tuition and fees approximately	\$4,038
Books and supplies approximately	\$300
Certifications approximately	\$150

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at [www.tcathartsville.edu](http://www.tcathartsville.edu).

## ENROLLMENT

Because instruction is individualized, students may enroll when a vacancy occurs.

## TRAINING SCHEDULE

8:00 a.m. to 2:30 p.m.

Monday through Friday

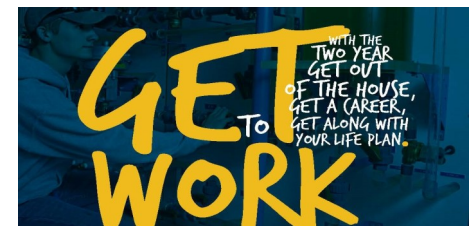
Part-time day schedules are available on an as needed basis.

## For More Information Contact:

Student Services at (615) 374-2147

### 2015-2016 COE Annual Report

Completion Rate	84%
Placement Rate	84%
Licensure Rate	86%



## Program Insights

Basic practical experience is gained by shop practice, student projects, and certain repair work. Oral, written, and performance tests are given to measure the student's proficiencies. Most instruction is given on an individual basis, thus allowing the student to progress at his/her own pace.

Welding is a multi-faceted craft and each area of the state has specific processes and skills needed for their industry base. Instructors concentrate on specific area needs, and prepare students with the skills and knowledge necessary to succeed in any area of welding.